share

learn

explore

care

hope

understand

believe

Strands include:

- Nature, Concepts, and Systems

- Social Interactions

- Information and Communication Tools

- Information and Communication Processes

- Information Literacy and Decision Making

south dakota
DEPARTMENT OF EDUCATION
Learning. Leadership. Service.

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South Dakota Educational Technology Standards

Sixth Grade

Through the No Child Left Behind Act, the Enhancing Education Through Technology (Ed Tech) Program was created. The primary goal of the program is to improve student's academic achievement through the use of technology in schools. These standards were created and designed to assist every student in crossing the digital divide by ensuring that they are technologically literate by the end of their public education in South Dakota.

Standards with Indicators

Nature, Concepts, and Systems

Indicator 1: Students understand the history and progression of technology in relation to the development and design of future technology.

6.NC.1.1 Compare technology from the past to the present as a progression of input, process, output.

Indicator 2: Students analyze the parts of a technological system in terms of input, process, output, and feedback.

6.NC.2.1 Analyze the processes of technology systems.

Indicator 3: Students analyze the relationships and connections between technologies in different fields of study and how they apply to communities.

6.NC.3.1 Identify careers in various technology areas.

Indicator 4: Students understand the purpose and demonstrate the use of the design process in problem solving.

6.NC.4.1 Demonstrate the iterative (repetitive or cyclical) nature of the design process.

Social Interaction

Indicator 1: Students understand the safe, ethical, legal, and societal issues related to technology.

6.SI.1.1 Apply basic software/hardware solutions to protect themselves and others when using Information and Communications Technologies (ICT).

Indicator 2: Students investigate the advantages and disadvantages of technology.

6.SI.2.1 Analyze how adoption of technological advancements produces change.

Information and Communication Tools

Indicator 1: Students recognize and demonstrate skills in operating technological systems.

6.CT.1.1 Demonstrate touch-type at 20 gwam with 2 or fewer errors per minute in a 3 minute time period.

6.CT.1.2 Investigate the functionality of various storage devices providing rationale for their uses.

Indicator 2: Students use technology to enhance learning, extend capability, and promote creativity.

6.CT.2.1 Demonstrate ways to present and publish information using a variety of common applications.

6.CT.2.2 Incorporate the use of software features for self-directed learning.

Indicator 3: Students evaluate and select information tools based on the appropriateness to specific tasks.

6.CT.3.1 Differentiate between versions of software and file formats.

Information and Communication Processes

Indicator 1: Students understand the purpose of information technologies to communicate with a variety of collaborators.

6.CP.1.1 Identify the reasons for using technology tools for interpersonal interactions.

Indicator 2: Students exchange information and ideas for an identified purpose through information technologies.

6.CP.2.1 Compare and contrast the effects of different forms of technology on different audiences.

Information Literacy and Decision Making

Indicator 1: Students use technology to locate and acquire information.

6.IL.1.1 Describe the organizational structure of searchable resources.

Indicator 2: Students determine the reliability and relevancy of information.

6.IL.2.1 Select online sources based on a list of criteria.

If you would like more information, specific examples or additional resources, please visit our website.

http://doe.sd.gov/contentstandards/NCLB/index.asp